

In the Claims

1
2
3 1. **(Currently Amended)** A computer-executable method, comprising:
4 locating remote content referenced by a tag comprising an element behavior
5 in a web page template;
6 converting the remote content into a markup language used in the web page
7 template to create converted content;
8 replacing the tag with the converted content in response to rendering the
9 web page template; and
10 updating the tag upon a change in the remote content or the converted
11 content.

12
13 2. **(Currently Amended)** The computer-executable method as recited
14 in claim 1, wherein the tag has associated logic for use in at least a part of at least
15 one of the locating, the converting, the replacing, and the updating.

16
17 3. **(Currently Amended)** The computer-executable method as recited
18 in claim 1, further comprising displaying updates of the tag in real-time in a web
19 page generated by the web page template.

20
21 4. **(Currently Amended)** The computer-executable method as recited
22 in claim 3, further comprising processing a preview tag in the web page template,
23 wherein the preview tag has associated logic for use in at least a part of the
24 displaying; and
25

1 the logic associated with the preview tag comprises at least one element
2 behavior associated with the preview tag.

3
4 5. **(Currently Amended)** The computer-executable method as recited
5 in claim 4, further comprising presenting editing controls for editing the converted
6 content in the web page template, wherein the editing displays one or more edits in
7 real-time in the web page generated by the web page template.

8
9 6. **(Currently Amended)** The computer-executable method as recited
10 in claim 5, further including ~~comprising~~ processing an edit tag in the web page
11 template, wherein the edit tag has logic comprising an element behavior for use in
12 at least a part of the editing of the converted content.

13
14 7. **(Currently Amended)** The computer-executable method as recited
15 in claim 6, further comprising displaying editing controls for the editing in one
16 pane displayed on a computer display and simultaneously displaying the one or
17 more edits of the converted content in real-time in the web page displayed in
18 another pane on the computer display.

19
20 8. **(Canceled)**

21
22 9. **(Currently Amended)** A computer-executable method for
23 displaying a web page template, comprising:

1 executing a layout tag comprising an element behavior that indicates a style
2 format for application to a presentation of a data content; and

3 executing a resource tag comprising an element behavior having logic for
4 use in: locating the data content in a remote resource, converting the data content
5 to a markup language used in the web page template, substituting the converted
6 content for the resource tag in the web page template, and updating the converted
7 content in the web page template in response to a change in the data content in the
8 remote resource.

9
10 10. **(Currently Amended)** The computer-executable method for
11 displaying a web page template as recited in claim 9, further including comprising
12 executing a preview tag comprising an element behavior having logic to display
13 dynamic updates of the converted content in real-time in a web page generated by
14 the web page template.

15
16 11. **(Currently Amended)** The computer-executable method for
17 displaying a web page template as recited in claim 10, further including
18 ~~comprising~~ executing an edit tag comprising an element behavior to present
19 editing controls for editing the converted content in the web page template,
20 wherein the editing is displayed in real-time in the web page generated by the web
21 page template.

1 12. **(Currently Amended)** A computer-executable method for executing
2 a resource tag comprising an element behavior for a web page template,
3 comprising:

4 reading a reference in the resource tag to data content in a remote resource;
5 ~~a reference to~~ executing logic for; use in locating the data content in the
6 remote resource using the reference, converting the data content to a markup
7 language used in the web page template, substituting the converted content for the
8 resource tag in the web page template, and updating the converted content in the
9 web page template in response to a change in the data content in the remote
10 resource.

11
12 13. **(Currently Amended)** A computer-executable method for executing
13 a preview tag comprising an element behavior for a web page template,
14 comprising:

15 reading a reference in the preview tag to at least part of the web page
16 template to display as a currently executing web page;
17 displaying editing controls defined by the element behavior of the preview
18 tag; and

19 executing a~~reference to~~ logic to; dynamically update the currently
20 executing web page to display changes in content, style, and layout in the part of
21 the web page template referred to by the reference when the web page template is
22 edited by the editing controls.

1 14. **(Currently Amended)** The computer-executable method for
2 executing a preview tag as recited in claim 13, wherein the change in content of
3 the dynamically updated web page is displayed ~~when the content changes~~ based on
4 a corresponding change in content in a remote content resource accessed by the
5 web page template.

6
7 15. **(Currently Amended)** An computer-executable method for
8 executing an edit tag comprising an element behavior for a web page template,
9 comprising:
10 reading a reference to at least part of a web page template to edit;
11 executing logic for: ~~use in~~ presenting editing controls for editing content in
12 the part of the web page template referred to by the reference, wherein the editing
13 displays ~~any~~ results of edits in real-time in a web page generated by the part of the
14 web page template.

15
16 16. **(Currently Amended)** The computer-executable method for
17 executing an edit tag as recited in claim 15, wherein the content is dynamically
18 updated when a corresponding content in a remote content resource accessed by
19 the web page template changes.

20
21 17. **(Original)** A content template system, comprising:
22 a set of markup indicator tags for a web page template, wherein each tag in
23 the set is bound to an associated element behavior; and
24 a context object to coordinate the element behaviors of the tags.
25

1
2 18. **(Original)** The content template system as recited in claim 17,
3 wherein a tag of the set is bound to an element behavior programmed to locate
4 remote content referenced by an attribute of the tag, convert the remote content
5 into a markup language used in the web page template, replace the tag with the
6 converted content, and dynamically update the converted content in the web page
7 template when the remote content changes.

8
9 19. **(Original)** The content template system as recited in claim 18,
10 wherein a tag of the set is bound to an element behavior programmed to display
11 dynamic updates of the converted content in real-time in a web page generated by
12 the web page template.

13
14 20. **(Original)** The content template system as recited in claim 19,
15 wherein a tag of the set is bound to an element behavior programmed to present
16 editing controls for editing the converted content in the web page template and
17 displaying the editing in real-time in the web page generated by the web page
18 template.

19
20 21. **(Original)** The content template system as recited in claim 17,
21 further comprising a browser, wherein the browser renders the web page template
22 and renders the tags bound to element behaviors.

1 22. **(Currently Amended)** A computer implemented content template
2 engine, comprising:

3 a web page processor to render a web page template having markup
4 indicator tags into web page;

5 a tag interpreter associated with the web page processor to obtain a logic
6 bound to one or more of the tags;

7 a data content locator to determine a location of a remote resource having
8 data content referenced by a tag;

9 a language converter to change the data content into a language used in the
10 web page template;

11 a dynamic content engine to replace the tag with the converted data content
12 and dynamically update the converted content in the web page template when the
13 data content changes in the remote resource; and

14 wherein at least one of the tags comprises an element behavior.
15

16 23. **(Currently Amended)** The computer implemented content
17 template engine as recited in claim 22, further comprising a preview engine to use
18 logic bound to a previewing tag to request a web page template and display
19 dynamic updates of the converted content in real-time in a web page generated by
20 the web page template, wherein the logic bound to the previewing tag comprises at
21 least one element behavior associated with the previewing tag.
22
23
24
25

1 24. **(Currently Amended)** The computer implemented content template
2 engine as recited in claim 23, further comprising a module editor to use editing
3 logic bound to an editing tag to present editing controls for changing the converted
4 content in the web page template, wherein the results of the editing is are
5 displayed in real-time in the web page generated by the web page template[[.]],
6 and the logic bound to the editing tag comprises at least one element behavior
7 associated with the editing tag.

8
9
10 25. **(Currently Amended)** The computer implemented content template
11 engine as recited in claim 24, further comprising a pane controller, to display a
12 user interface for editing simultaneously with a display of the web page generated
13 by the web page template.

14
15 26. **(Currently Amended)** In a computer system having a graphical
16 user interface including a display ~~and a user interface selection device~~, a method
17 of real-time preview of webpage generation, ~~providing and selecting from a menu~~
~~on the display comprising the steps of:~~

18 executing a first pane tag to implement a first pane on the display;

19 executing an edit tag to implement editing controls in the first
20 pane and to display a remote content in the first pane;

21 executing a second pane tag to implement a second pane on the
22 display;

23 executing a preview tag to activate a run-time browser to
24 perform real-time display of a web page in the second pane;
25

1 wherein the web page is generated by execution of a web
2 page template;

3 wherein a resource tag in the webpage template converts the
4 remote content into custom hypertext markup language (HTML)
5 tags;

6 receiving edits of the remote content from the editing controls in the
7 first pane;

8 updating the custom HTML tags with the edits in real-time; and
9 displaying in real-time changes to the real-time execution of the web
10 page caused by the updated HTML tags.

11 ~~retrieving a set of edit menu entries for the menu including a cascade menu~~
12 ~~entry, the cascade menu entry having a specified default command and a set of~~
13 ~~cascade menu items associated therewith;~~

14 ~~displaying the menu on the display comprising the set of edit menu~~
15 ~~entries;~~

16 ~~receiving an edit menu entry selection signal indicative of the user interface~~
17 ~~selection device pointing at the cascade menu entry on the display, and, in~~
18 ~~response to the selection signal, displaying the set of cascade menu items~~
19 ~~associated with the cascade menu entry; and~~

20 ~~receiving an execution signal indicative of a user selecting the~~
21 ~~cascade menu entry, and in response to the execution signal, performing the~~
22 ~~specified default command.~~

23 27. (Currently Amended) The method of ~~providing and~~
24 ~~selecting from a menu as recited in claim 26, wherein~~ at least one of the tags
25 comprises an element behavior.

a) ~~the receiving of an edit menu entry selection signal~~

b) ~~results in a display of a corresponding edit~~

c) ~~in a content of a web page~~

1 ~~d) — being generated from a web page template~~

2 ~~e) — being edited using the edit menu entries~~

3 ~~f) — in the menu being presented on the display.~~

4
5 28. **(Currently Amended)** One or more computer readable media
6 containing instructions that are executable by a computer to perform actions,
7 comprising:

8 locating content referenced by a markup tag comprising an element
9 behavior in a web page template;

10 converting an original version of the content into a markup language
11 version using the same markup language being used in the web page template;

12 replacing the markup tag with the markup language version of the content;
13 and

14 dynamically updating the markup language version of the content in the
15 web page template when the original version of the content changes.

16
17 29. **(Original)** The one or more computer readable media containing
18 instructions as recited in claim 28, further comprising instructions to display
19 dynamic updates of the markup language version of the content in real-time in a
20 web page generated from the web page template.

21
22 30. **(Original)** The one or more computer readable media containing
23 instructions as recited in claim 29, further comprising instructions to present
24 editing controls for editing the markup language version of the content in the web
25

1 page template, wherein the editing is displayed in real-time in the web page
2 generated by the web page template.
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25